

# INTERNATIONAL SEARCH REPORT

Int. onal Application No  
PCT/GB 03/01549

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F16B2/08 E21B17/01 F16L21/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F16B E21B F16L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 288 205 A (CRP GROUP LTD) 11 October 1995 (1995-10-11) page 1, line 1 - line 6 page 4, line 21 - line 24 page 5, line 5 - line 6 page 10, line 11 - line 14 ----	1,3-11
A	US 4 477 207 A (JOHNSON ARNE I) 16 October 1984 (1984-10-16) the whole document ----	1,11
A	EP 0 787 938 A (EMERSON & CUMING COMPOSITE MAT) 6 August 1997 (1997-08-06) the whole document -----	1,11

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

24 November 2003

Date of mailing of the international search report

04/12/2003

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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US 4477207	A	16-10-1984	NONE	
EP 0787938	A	06-08-1997	US 5711639 A	27-01-1998
			AU 720050 B2	25-05-2000
			AU 1014597 A	07-08-1997
			BR 9700834 A	03-11-1998
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			NO 970433 A	04-08-1997